MAKES APPEARANCE HAVE BEEN "DOPED"

Six Hundred Names on Graphite Can Cover Many New Handicap Sheet of Eastern Association.

Defects, Asserts H. Clif-

ford Brokaw.

pression, Loose Bearings and

Other Troubles.

By H. CLIFFORD BROKAW.

Graphite is the favorite "dope" with the

compression, and only a man with expe-

-over heavy and apparently there is a good

buying is in a boat, ask the owner to give

you a long ride. Observe the engine or

has been going for half an hour examine

it again. If the engine has not been

"doped" it should run just as fast and

it will improve a good engine.

Remember that good compression.

rock the fly-wheel up against compression, and it will go back with a rebound,

Groanings, creakings and a loose, rat-

a loose, jerky feeling, the bearings have

gasolene and air is drawn from the car-

crank case into the cylinder head. If the crank case bearings are worn the "mixt-

forced out through the bearings, and only

the bearings and for a few seconds will

around the bearings. If the bearings are

much worn the speed of the engine will

the change will be only temporary, and

loss of power.

If the engine you are looking at merely race.

against graphite, for if used judiciously armory last night.

This is not intended as a "knock" championships held in the 69th Regiment

kind that cannot be obtained by "dop-ing," always has a "spring" to it. If the tan, in the 70-yard dash, junior; Sam

compression is the right kind, you can Svendish, of E. R. C. No. 23, The Bronx,

Good compression-the right kind of com- Glennon, of the High School of Commerce

pression-always has this characteristic Centre, in the 80-yard run, and E. R. C.

is a good sign that the "compression" is pressed hard for the honors by E. R. C.

not compression at all, but that graphite. No. 51, which, represented by a strong

or piston rings that bind, is the trou- the final lap, however, Wells jumped away

Keep an eye open for worn bearings. five as he crossed the line. The time of

MISS CURTIS AND MRS. MOTOR BOAT EXPERT BARLOW PUT AT PLUS 1

Miss Marion Hollins Placed at Tells How to Detect Weak Com-Scratch, Despite Rating of Metropolitan Committee.

than 600 names appear on the siern Golf Association which made its prace yesterday. The handicappers Do you know what a doped engine is? the Eastern body differ frequently in Not. Then don't attempt to buy a second of the Women's Metropolitan Golf For instance, on the have learned something m, and Mrs. R. H. Barlow, of Phil- look and act like new on of the association. The metromittee has Miss Marion Hol- a new engine singsof Westbrook, at plus 1, whereas only temporary-the song soon turns to a

is this Eastern list contains the names if the leading women golfers in the bit of heap. it will be of unusual interest to man who has a second-hand-motor to sell. be of use during the annual cham. By the liberal use of graphite engines ament of the Women's which have lest their compression can Association at Greenwich be made to act like an engine with good

tell upon Miss Fannie C. Os- If a cylinder is worn or scored and W. S. Hilles, of scratched, the unscrupulous man, who is and Mrs. Frank Enos, of thinking only of getting the motor off his This trio is known as the bands, will pour a mixture of heavy oil Association and graphite into the cylinder and run the Committee and Miss Osgood is engine a little while. This makes a coat-Co-operating with this ing on the cylinder walls and on the pismittee were others in Boston, ten, and as a result the engine will turn Philadelphia Miss H. E. Maule and compression.

Hood assisted Mrs. Hilles, In such cases as this the motor will Wiss Osgood had Mrs. F. W. show good speed-but only for a little Received and Mrs. E. C. Wheeler, jr., while. If the engine you are thinking of metropolitan district Miss

Whitney and Miss Georgianna the start and note how it runs. After it p worked with Mrs. Enos. enders in the list follow Plus 1.

Richmond County County Club turns over heavy, but has no rebound, it The boys of E. R. C. No. 188 were

the fly wheel with both hands and turn it sharply up and down. Loose bearings the fly which had a control of the fly wheel with both hands and turn it sharply up and down. Loose bearings 188, of Manhattan, which had a control of the fly wheel with both hands and turn it sharply up and down. on the wrist pin will be located in this ing advantage over its nearest rival.

Chilyers. Englewood Country Club Wee Burn Golf Club Buretor into the crank case, and when Burn Golf Club Buretor into the crank case, and when the piston descends it is forced from the country Club Club Burneton and the crank case, and when the piston descends it is forced from the

Philadelphia Country Club be materially increased down tight, but Oakley grease cups are screwed down tight, but

Huntingdon Valley
Baltusrol Golf Club
Huntingdon Valley
Baltusrol Golf Club
Baltusrol Golf Club
Greenwich

Greenwich

If the motor is not in a continuation of the motor is not in a con

fridge Dyker Meadow Golf Club friest New Haven einner Montclair Golf Club Sell Overbrook St. David's
Philadeiphia Ceuntry Club
Montclair Golf Club
Montclair Golf Club
Mouth Phila Country Club
Mouth Phila Country Club
Mouth Philadeiphia Country Club
Lessex County Club
Lessex County Club
Merion
Scarsdale Golf Club
rdt. Englewood Country Club

NEW EXHAUST SILENCER

vented by F. G. Hall.

fing apparatus to motor boats during several years past.

The silencer, which is extremely compact, is attached close to the engine and operates to instantly cool down several hundred degrees of gases of the first hundred degrees of gases of the first said that this new silencer is applicable to all makes and types of molice by said that this new silencer is applicable to all makes and types of molice by said that this new silencer is applicable to all makes and types of molice by said that this new silencer is applicable to all makes and types of molice by said that this new silencer is applicable to all makes and types of molice by said that this new silencer is applicable to all makes and types of molice by said that this new silencer is applicable to all makes and types of molice by said that this new silencer is applicable to all makes and types of molice by said that this new silencer is applicable to all makes and types of molice by said that this new silencer is applicable to all makes and types of molice by said that this new silencer is applicable to all makes and types of molice by said that this new silencer is applicable to all makes and types of molice by said that this new silencer is applicable to all makes and types of molice by said that this new silencer is applicable to all makes and types of molice that the first set. Time is the first set. Time is the result of the silencer of

WOMEN'S GOLF LIST BARGAIN MOTOR MAY MOTORBOAT ENTHUSIASTS WORKING TO PASS U. S. POWER SQUADRON EXAMINATION



I. FRED BETZ'S NEW RUNABOUT,

Which has been named the Guess and which is guaranteed to run 371/2 miles an hour.

American Golfers Loom Up in English Tourney

No. 188, Manhattan, in the 740-yard relay Evans Strengthens Squad any attention to golf "dope," would likely and Odds Drop to Four to One.

to a two-yard lead, which he increased to INTEREST OF SCOTCH CENTRES IN TRAVERS

it sharply up and down. Loose bearings 188, of Manhattan, which had a command- Youngsters May Spring the Surprise of British Amateur Championship.

Bogey lation.

h cap. Longer odds were laid early in April. golfing circles. Most of the best French hisned, and the class touring automobile. There are down but there has been a tightening up by the amateurs will cross the English Channel high class touring automobile. There are amateur bookmakers since it became to compete with the Americans for the two thwartship seats, with upholstered 5 down amateur bookmakers since it became to compete with the Americans for the fact that "Chick" Evans is British amateur championship at Sand- lazy backs, and in the cockpit are four coming to join Travers, Herreshoff, wich Bay a fortnight hence, and all, or armchairs. She is fitted with auto top and Ouimet, Fraser Hale, Max Marston and nearly all, of the American amateurs now windshield. The motor is equipped with AKES.

Gross, H'cap, Net.

93 14 79 United States.

87 8 79 Professional the half dozen other competitors from the here or coming over are expected to go electric starting and lighting outfit and Professional bookmakers, if they paid

lay a much better price-say, 8 or 10 to 1 -against the Americans collectively, because Uncle Sam's representatives will

such cracks as Mr. Evans and Mr. day Herreshoff; also such a splendid young Over the surveyed course at Riverdale-Western intercollegiate champion.

Longer odds were laid early in April, golfing circles. Most of the best French nished, affording all the comforts of a to France to play for the French amateur every up-to-date contrivance.

New All-Mahogany Flyer Is the Last Word in Craft of

A MOTOR BOAT FOR

SPEED AND COMFORT

Her Class.

hundred contestants. But amateur bet- carrying eight passengers, with a speed tors when laying odds on a purely ama- of 3742 miles an hour, sounds like a fairy teur competition are more prone to cinch tale. Yet that is what the all-mahogany runabout built by the Reliance Motor To be sure, the American "stable" is a Boat Company for J. Frederick Betz, 3d, choice collection and includes the present of Philadelphia, did on her first trial spin. open champion of the United States as This boat, which is equipped with a sixwell as the four-time and present amateur cylinder Van Blerck motor, 512-inch bore champion-Jerome D. Travers-besides by 6-inch stroke, was launched last Fri-

possibility as Mr. Hale, of Chicago, the on-the-Hudson she did the mile against the tide in 1:38 and with the tide in 1:34-[From The Tribune Correspondent.]

London, April 24.—Four to one against

Western intercollegiate champion. the tide in 1.38 and with the tide in 1.34—
But they will find several rivals of an average speed of 37.52 miles an hour.

much satisfaction in British and French of 5 feet 6 inches, and is luxuriously fur-

plane, with absolutely none of its discom-ANSWERS ON MOTORBOATS forts. She can run in safety and comfort Horsepower Required to Drive centennial free-for-all for displacement boats at Put-in-Bay last August, as well as the championship of Hudson River and many other important events in 1913.

NEW TYPE OF RUNABOUT Boat of Unusual Design Built

What tooked like a small cabin cruises going at a speed of twenty-five miles at Sir: I would like some information on the following: I have a 3-horsepower Fairbanks-Morse stationary gasolene engine and cannot keep a piston rod and shaft bearing in it. The engine of the state of t

Have Purchased New Craft.

20 or 35 horsepower at about 800 revolu- occur at every revolution of the cranktions a minute. The base is of aluminum, shaft, look first to the valve operating What speed may I expect with an 18-inch mechanism. At this point a cam with a chip will hammer the valve plunger at each lifting of the valve, and therefore knock at every other revolution of the

with two or three taps and then pause, the trouble can be definitely located in one of the plunger rollers. To find out which cam or roller is defective proceed Philadelphia, May 2-The Point Judith by sense of touch, grasping tightly each rod in turn. If this method fails the last in the first match for the Paul Denckla resort of removing each valve in turn and Mills cup, at Devon to-day, by a score of holding the plunger away from the cam while the engine is rotated should prove

> A storm anchor is essential in a strong tidal current. It is foolish to trust to luck that nothing will happen, or if it does that a light anchor will hold. If it doesn't

PRINCETON 'VARSITY **CREW IS SELECTED**

Mettle Will Be Tested in Triangular Race Next Saturday.

PENN IS DANGEROUS. DR. SPAETH THINKS

This Year's Oarsmen Heavier and Taller than Those Who Rowed in 1913.

By Telegraph to The Tribune. Princeton, N. J., May 2.-The long deferred selection of the Princeton crew that will race Pennsylvania and Columbia on Lake Carnegie on May 9 has at last been definitely made. Five weeks of constant shifting and changing has resulted in the present arrangement of the seating, which will not be changed again except for some unexpected accident.

Dr. Spaeth, the coach and father of Princeton rowing, expressed himself at the opening of the season as "fully satis fied that Princeton has the material for a crew of more than the average strength," and he proceeded to spare no pains in the selection of the 'varsity In spite of the late start for outdoor

work and the near approach of the Pennsylvania-Columbia regatta, he continued the policy of almost daily shifts until this week, when he established the per-It was not until yesterday, however,

that Dr. Spaeth announced the seating as R. R. Pyne, 2; J. M. Heffron, 3; P. A. Gadebusch, 4: S. M. Robinson, 5; R. Quinby, 8; T. C. Briggs (captain), 7; O. S. Putnam, stroke, and F. S. Dunn, cox-Owing to the late spring the develop

ment of the eight is considerably behind that of last year's eight at the corre sponding date. This year's crew is also slower of development on account of its unusual weight. According to the theory of Dr. Spaeth light men generally develop







THE MATCHLESS MOORING BUOY. INDESTRUCTIBLE.

CANNOT "CHEW UP" THE BOAT CANNOT "PULL UNDER" ELIMINATES HUNTING FOR YOUR MOORING APPROVED BY PROMINENT MOTOR BOATMEN— NOT HIGH PRICED Write For Catalogue "A"

PNEUMATIC MFG. CO., 284 9th Ave., B'klyn, N. Y.

Put the Power of NIAGARA in YOUR Boat 5 to 100 H. P.

P. D. LE VENESS, Agt. 30 Church St., N. Y.

Auto Tops for Motor Boats. GREATEST BARGAINS EVER OFFERED NEW AND SECOND HAND, All Sizes, \$6 to \$20.

"JANDORF" 3 West 61st, B'way SPRAY HOODS

We make spray hoods of standard weight khaki, cut and made to fit your boat. Frames of brass tubing, all fixtures of polished brass, complete, ready to attach.

KAPOC

Life Preserver Cushions Our Mattresses and Cushlons, filled with Kapoe, will pass inspection as life preservers on pleasure boats. Send for catalogue showing complete line of goods manufactured by us. Free on re-

PNEUMATIC MFG. CO., 284 9th Ave., Brooklyn, N. Y.

Power Boat Engineering Co., Inc.

Middle Atlantic Coast Distributors of S. M. Jones Co. Manufacturer of the Ralaco, the silent simplified engine, the Smile Electric Lighting Goods, and the Smalley two-cycle Engine.

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MOTOR BOAT INSTRUCTION

Motor Boating Navigation Steamship

All Kinds of Practical Instruction Day or Evening Classes Special Preparation to Candidates for U. S. Power Squadron's Examinations. Call, Phone or Write for Booklet.

West Side Y. M. C. A.

300 WEST 57th ST. MOTOR BOATS FOR SALE.

Motors This Season. Albert Eldredge, head of the Albert

Albert Eldredge, head of the Albert Eldredge Corporation, which now is the representative in this city for the Winton Gas Engine and Manufacturing Company, reports that during the last few months the following Winton six-cylinder marine engines have been installed:

For Mr. Ross, of Montreal, two 200-horsepower engines in his yacht, and for Mrs. Draper two 150-horsepower engines in her yacht Elkhorn. Two 200-horsepower engines are to be installed in the new 110-foot yacht now being built by Lawley for Mr. Peterson, of Youngstown, Onio, and two 60-75-horsepower engines for the 110-foot yacht owned by Mr. Todd.

a Seventy-five Footer.

To the Motor Boat Editor. Will you kindly advise me how

Would suggest about 60-horsepower at

Fairbanks-Morse stationary gasolene en-

Sir: I would like to ask some questions

iron skez, gas tank under after deck. Engine to be a four-cylinder, two-cycle, Seabright, N. J.

Would say a speed of about twelve miles an hour with a three blade wheel,

Point Judith Polo Four Wins First Cup Match polo team defeated the Devon Freebooters

10 goals to 3%. Devon was obliged to concede the Narragansett Pier representatives four goals

by handicap, but was actually defeated on the flat. Take Up Motor Boat Supplies.

quantities of automobile motors suitable for motor boats and selling at about half price. It also has a complete line of magnetos, carburetors, steering wheels, gasolene tanks, searchlights, etc., in the

for Use in Louisiana.

after a few seconds the motor will fail off in speed.

If the engine you are looking at is installed in a boat be certain that the owner operates the engine for you and gives you plenty of time to examine it. If the motor is not in a boat and there is no opportunity to observe it in operation, go very slowly. Take nothing for error of the West Side Tension opportunity to observe it in operation, go very slowly. Take nothing for overy slowly. Take the engine to sell needs the money. Remember that your money is your pocket.

Take the engine apart Look it over the motor will fail off in speed.

Defeat Hackett and Hall took the final game, with the loss of only two points.

The final game, with the loss of only two points.

The new adaption of the day, the advantage being first on one side and then on the other. Lacking condition, all the grades to be fine and cannot keep a piston rod and shaft bearing in it. The engine seems shaft perfectly round. It grinds the brass out in shefts to be fine and the crank shaft perfectly round. It grinds the brass out in shefts to be fine and the crank shaft perfectly round. It grinds the brass out in shefts to be fine and the crank shaft perfectly round. It grinds the brass out in shefts to be fine and the crank shaft perfectly round. It grinds the brass out in shefts to be fine and the crank shaft perfectly round. It grinds the brass out in shefts to be fine and the crank shaft perfectly round. It grinds the brass out in shefts to be fine and the crank shaft perfectly round. It grinds the brass out in shefts to be fine and the crank shaft perfectly round. It grinds the brass out in shefts to be fine and the crank shaft perfectly and the crank shaft perfectly to be fine and cannot keep a piston round. It grinds the brass out in shefts to be fine and cannot keep a piston round

WAYS TO FIND A "KNOCK" bearings and cylinder walls and piston. champion, met and defeated Frederick C. ing his side frequently when it seemed about my new boat. She is 30x6 feet. Hints to Motor Boatmen Who In locating a "knock," which does not

In case the sound should be intermittent,

The Times Square Automobile Com- the last resort is a buoy, and although pany, of this city, has created a new Uncle Sam does not foroid tying up to his department, known as the motor depart- buoys in case of necessity, it is a dangerment. The company is handling large ous practice.

Chicago, May 2.—The Chicago Cubs re-leased unconditionally to-day Harvey Utrecht, a pitcher, who came here from Che input!

Cubs Release a Pitcher.

Golf on Nassau Links.

Huntingdon Valley
Brae Burn
Brae Bur other respects, figure in the cost of new bearings and labor in arranging on a price.

Worn crank case bearings are another point to look for. Most marine engines of the small sizes are of the two-cycle type.

The small sizes are of the two-cycle type. and this style motor cannot deliver full power if the crank case bearings are

LD Patterson Englewood Country Club crank case bearings are worn the "mixt-LI Morgan when the piston descends, will be Westfield a portion of it will find its way into the

The latest patent to be allowed by the United States Patent Office is one for an improved exhaust silencer, known as the Hydrex Silent Exhaust.

This device is said to operate upon a radically new principle of handling exhaust gases at the extreme heat with which they issue from the motor cylinder. It is a well known fact that the heat in the exhaust gas is responsible for the pressure and consequently the noise caused when the exhaust reaches the air after being used in the engine cylinder.

The scores were 6-2, 3-6, 7-6.

Mathey was always too much for Inman, the fast dirt court on which the man, the fast dirt court on which the m

The new device is the invention of Francis G. Hall, formerly in the engineering department of Sheffield Scientific School. Yale University, and is the result of practical applications of silencing apparatus to motor boats during apparatus to motor boats during the large gallery from the time Hall began the service until Behr earned the last point with a beautiful stroke down the side court.

Behr, whose smashing, shoulder high, has always been spectacular, outdid himhas always been spectacular, outdid himhas always been spectacular.

cylinder head. There is, consequently, a ton. Phila Country Club Midland Golf Club Fairview Golf Club Phila Country Club Phila Country Club Ridgewood Country Club Golf Club Phila Country Club Greater Golf Club Fairview Golf Club Phila Country Club Greater Golf Club Greater G Forest Hills. prevent the mixture from leaking out

tre Athletic League made four new rec-

Richardson, of E. R. C. No. 158, Manhat-

quartet, was in the fight throughout. On

1 minute 21 seconds cilpped three-fifths

The point trophy went to E. R. C. No.

Baltusrol Golf Club.

SWEEPSTAKES.

West Side Tennis Club

DOUBLES CONTEST IS be materially increased every time the THRILLING AFFAIR

Take the engine apart. Look it over ers in this country.

thoroughly. Pay especial attention to the Dean Mathey, the former Princeton loose internal bearings before taking it being 6-3, 6-3. In the doubles match, openings. apart; then take it apart and see how between Theodore Roosevelt Pell, winner of the Seabright tournament last year, Inman. SECOND SET and Karl Behr, the internationalist, on Mathey one side, and H. H. Hackett, captain of Inman Patent Allowed on Device In- other, three sets were required before

man, the fast dirt court on which the Hackett and Hall-Z, 11, 3, 4, 3, 6, 1, 5, 8, match was played seeming to be to his 4, 0, 0-41, 5.

The pace began to tell on Pell and his partner, however, and in the second set a speed of 400 revolutions a minute Hackett and Hall, steadying their game,

Opens Its New Courts

came with a rush and after losing the first two games took the next five in a row. The eighth game went to Pell and Behr, and then Hackett and Hall took the

greater effect, his court generalship sav-Examine the engine, test the compression, Inman in the singles match, the scores that Behr's passing strokes had found flat hortom, % inch yellow pine planking,

STROKE ANALYSIS-FIRST SET and Karl Behr, the internationalist, on one side, and H. H. Hackett, captain of last year's Davis Cup team, and Walter Merrill Hall, Bronx champion, on the other, three sets were required before Pell and Behr squeezed out a victory.

The scores were 5-2, 3-6, 7-5.

Mathey was always too much for In-

> WINTON ENGINES POPULAR Good Demand for High Powered